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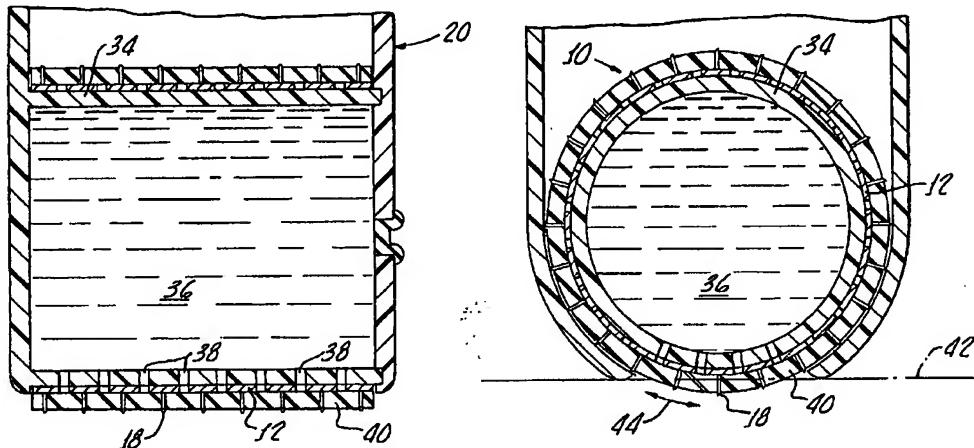
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTI-SITE INJECTION SYSTEM



(57) Abstract: A multi-site injection system (10) in accordance with the present invention generally includes a plurality of medicament delivering needles/microprotrusions (18) along with a support therefore. A supply of medicament (36) is provided and a means provided for supplying the medicament to the plurality of needles/microprotrusions in order to effect delivery into a stratum corneum (42) of a user.

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/012122

A. CLASSIFICATION OF SUBJECT MATTER
A61M37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/024518 A (THE PROCTER & GAMBLE COMPANY) 27 March 2003 (2003-03-27) abstract; figures	1-11
X	DE 195 18 974 A1 (SAMSUNG ELECTRO-MECHANICS CO., LTD., SUWON, KYONGGI, KR; SAMSUNG ELECT) 30 November 1995 (1995-11-30) abstract; figures	1-11
A	DE 23 19 591 A1 (KIRCHNER & WILHELM, 7000 STUTTGART; KIRCHNER & WILHELM, 7000 STUTTGART) 14 November 1974 (1974-11-14) abstract; figures	1-11
A	FR 2 720 003 A (SAMSUNG ELECTRO MECHANICS CO LTD) 24 November 1995 (1995-11-24) abstract; figures	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

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INTERNATIONAL SEARCH REPORT

International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-11

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11

A multi-site injection system comprising a rotatable drum

2. claims: 12-37

A multi-site injection system comprising a plate and a plunger base for moving said needle plate from the first to the second position

3. claims: 38-50

A multi-site injection system comprising a carrier sheet including a plurality of medicament filled rupturable blister disposed on an inside surface thereof

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No'

PCT/US2005/012122

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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